

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2017
(Sixth Semester)

Branch- **BIOTECHNOLOGY**

BUSINESS BIOTECHNOLOGY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 List out the role of biotech park.
- 2 State any development function of DBT.
- 3 Mention the role of pollution board in project implementation.
- 4 What is mean by entrepreneurship?
- 5 Define business bioethics.
- 6 Write any two importance of IRR.
- 7 Explain the reason for the failure of GM Plants.
- 8 What is E-Business?
- 9 List out the pharma companies in India.
- 10 Name any four project funding agencies in India.

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Explain the role of BCIL in promoting biotechnology in india.
OR
b Bring out the importance of pollution board in project implementation.
- 12 a Write short notes on women entrepreneurship.
OR
b Illustrate the importance of IT procedure in improving business performance.
- 13 a What are the procedure to be followed in develop microbial consortia in environmental biotechnology.
OR
b How will monitor the quality of biotechnology products?
- 14 a What is product viability and its role in the biotechnology marketing?
OR
b Why is project planning important?
- 15 a What is tax structure? Explain its types in detail.
OR
b Explain clinical trails in pharma research.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Explain in detail the techniques used for enzyme extraction.
- 17 What are the steps involved in writing a project proposal.
- 18 Describe one emerging technology in detail, applied in R&D of BT business sectors.
- 19 Briefly explain about the importance of GM plants and its products India.
- 20 Elaborate on different pharmaceutical research in clinical trails.

Z-Z-Z

END